

friendly numbers ↘

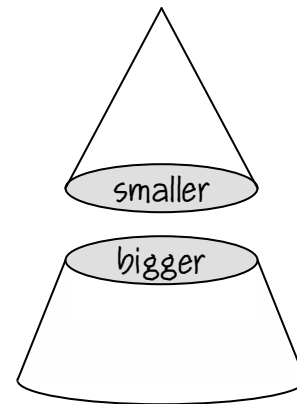
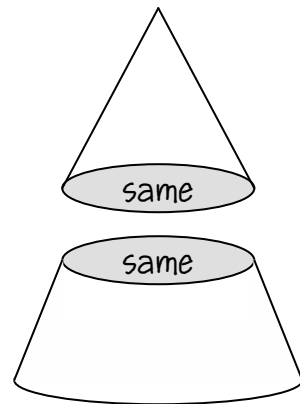
portion of circle	points per piece	degrees per piece
whole pie	3840	360
1/2	1920	180
1/4	960	90
1/8	480	45
1/16	240	22.5
1/32	120	11.25
1/64	60	5.625
1/128	30	2.8125
1/256	15	1.40625

portion of circle	points per piece	degrees per piece
1/3	1280	120
1/6	640	60
1/12	320	30
1/24	160	15
1/48	80	7.5
1/96	40	3.75
1/192	20	1.875
1/384	10	0.9375
1/768	5	0.46875

unfriendly numbers ↗

A Mathemagical Mystery

If you slice a solid
cone and find the
revealed surfaces
are the same size,
then it's not a cone
but a cylinder



If you slice a solid
cone and find the
revealed surfaces
are different sizes,
then it's not a cone
but an aztec pyramid